

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
P21591

Serial No.  
10/005,673

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant  
Toshio MATSUMOTO

Filing Date  
December 7, 2001

Group  
1742

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
VSC		2	3	4	8	8	7	2	10/18/00	UNITED KINGDOM				
		2	1	9	2	3	8	9	01/13/88	UNITED KINGDOM				
		2	1	4	2	9	1	9	01/30/85	UNITED KINGDOM				
		2	0	7	8	6	9	6	01/13/82	UNITED KINGDOM				
		0	2	7	8	5	8	3	02/12/88	E.P.O.				
		0	2	5	3	5	0	6	06/15/87	E.P.O.				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

↓		1	Derwent Abstract 1985-220756 of JP 60-142847.

**EXAMINER**

DATE CONSIDERED

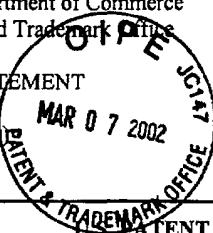
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
USC	4 7 9 8 5 8 5	01/17/89	INOUE et al.			
	5 1 7 1 7 2 0	12/15/92	KAWAKAMI			
	4 9 1 9 7 5 1	04/24/90	SUMITA et al.			
	5 0 1 7 5 1 8	05/21/91	HIRAYAMA et al.			
	5 0 3 0 6 1 1	07/09/91	OGAWA et al.			
	5 0 5 5 3 0 7	10/08/91	YSURU et al.			
	5 0 6 4 4 3 6	11/12/91	OGISO et al.			
	5 1 5 8 7 5 6	10/27/92	OGAWA et al.			
	5 2 1 5 9 4 1	06/01/93	YASUKAWA			
	6 2 0 3 5 7 4	03/20/01	KAWAMURA			

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	ABSTRACT	TRANSLATION YES NO
3 0 5 8 1 7 4	04/21/00	JAPAN		X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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